



# Town of Lexington - FY 2017-FY 2021 Capital Improvement Projects

**Project Name:** Grain Mill Alley Improvements

**Date:** 14-Oct-15

**Project ID Number:** 1005

**Revision Date:**

**Submitted By:** Melisa Tintocalis

**Department:** Economic Dev

**Priority:** 0

**First Year Submission?** ☒ **Phone #:** 781-698-4567

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## Description of Project:

The project includes enhancing the pedestrian and bicycle safety connection between Mass Avenue and the bikeway, as well as, creating a passive open space for Center users. Town Meeting approved \$18,000 in FY16 for design development; \$4,000 has been spent on field testing concepts of the space. The project would install much needed lighting and even out the ground surface. The request includes design funds to bring the conceptual designs to 100% and construction funds for implementation.

## Justification/Benefit:

The alley is used year-round by over 300,000 users. It is a critical passage that connects people to the retail corridor and it channels the much needed foot traffic for our local businesses to thrive. Improvements are necessary to provide quality pedestrian and bicycle conditions and lighting for safe passage. This project will ensure an enjoyable Center experience resulting in more foot traffic and revenue for the Town's businesses.

## Impact if not completed:

## Timeframe:

## Replace. Freq:

15 Years

## Stakeholders:

Residents, Visitors, Center users such as Lexington High School students. The project is supported by the Center Committee and the Board of Selectmen's Ad Hoc Grain Mill Alley Steering Committee.

## Operating Budget Impact:

## Cost Analysis:

**Funding Source:** ☐ Levy ☒ CPA ☐ Revolving ☐ State Aid ☐ Water ☐ Sewer ☐ Recreation ☐ Private ☐ Other

## Capital Funding Request

1005	2017	2018	2019	2020	2021	Totals
Site Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Design/Engineer	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Construction	\$427,000	\$0	\$0	\$0	\$0	\$427,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$457,000	\$0	\$0	\$0	\$0	\$457,000
CPA Amt. Req.	\$0	\$0	\$0	\$0	\$0	\$0

Recurring Cost

\$0.00

Maintenance Cycle

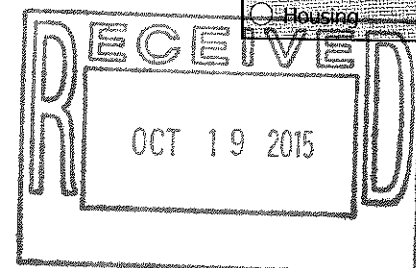
0 Years

## CPA Purpose

- ☐ Open Space  
☐ Recreation  
☐ Historic  
☐ Housing

## Basis of Cost Projection:

Cost estimates provided by GroundView Architects to the Economic Development Office.



Grain Mill Alley - concept budget estimates (10/22/2015)				
Item Description	Unit Cost	UNIT	QTY	total
<b>02100 Site Preparation</b>				
demolition and site prep	\$3.00	sf	4140	\$12,420.00
				\$12,420.00
<b>02300 earthwork</b>				
gravel fill	\$35.00	cy	75	\$2,625.00
				\$2,625.00
<b>02500 site paving</b>				
bituminous concrete paving, granular base	\$10.00	sf	940	\$9,400.00
stonedust, granular base	\$6.00	sf	450	\$2,700.00
				\$9,400.00
<b>02502 Site Pavers</b>				
Unit Pavers, concrete base	\$30.00	sf	960	\$28,800.00
				\$28,800.00
<b>02501 Site Granite</b>				
Granite Curb, concrete cradle	\$30.00	lf	178	\$5,340.00
				\$5,340.00
<b>02510 water distribution</b>				
water cabinet	\$3,000.00	ea	1	\$3,000.00
1" copper pipe	\$25.00	lf	245	\$6,125.00
valve box	\$500.00	ea	1	\$500.00
water meter	\$3,500.00	ea	1	\$3,500.00
backflow preventer	\$3,000.00	ea	1	\$3,000.00
				\$16,125.00
<b>02630 storm drainage</b>				
drainline	\$35.00	lf	245	\$8,575.00
catch basin	\$500.00	ea	2	\$1,000.00
				\$9,575.00
<b>02800 site improvements</b>				
area drain grate	\$500.00	ea	2	\$1,000.00
bike rack	\$500.00	ea	9	\$4,500.00
park signage: name sign with post	\$5,000.00	ea	2	\$10,000.00
bike repair station	\$1,500.00	ea	1	\$1,500.00
metal bollards	\$1,000.00	each	5	\$5,000.00
super bench	\$10,000.00	each	1	\$10,000.00
standard bench	\$5,000.00	each	5	\$25,000.00
				\$57,000.00
<b>02900 planting</b>				
plant bed - plants, soil, mulch, irrigation	\$60.00	sf	860	\$51,600.00
speciman trees	\$5,000.00	ea	4	\$20,000.00
				\$71,600.00
<b>16100 electric</b>				
power outlet	\$300.00	ea	2	\$600.00
electric panel	\$750.00	ea	1	\$750.00
electric meter	\$1,250.00	ea	1	\$1,250.00
electric cabinet	\$3,000.00	ea	1	\$3,000.00
3" galv steel conduit	\$20.00	lf	245	\$4,900.00
schedule 40 PVC conduit, dia as req.	\$10.00	lf	245	\$2,450.00
handhold	\$250.00	ea	1	\$250.00
LED Strips	\$50.00	lf	100	\$5,000.00
up-lights	\$500.00	ea	12	\$6,000.00
				\$24,200.00
<b>03300 cast-in-place concrete</b>				
concrete paving, granular base	\$12.00	sf	1870	\$22,440.00
				\$22,440.00
<b>TOTAL BY MATERIAL/UNIT COST</b>				\$259,525.00
<b>contingency</b>	30.0%			\$77,857.50
<b>BASE BID</b>				\$337,382.50

